

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/532322	US-PGPUB; USPAT	OR	ON	2008/07/16 07:08
S2	23	(battery electrochemical adj cell) and (film separator membrane layer sheet) with ((nonwoven "non- woven") near2 (cloth fabric textile contexture fiber fibre texture web webbing)) and (ASTM bubble adj point adj pore) and (flow adj pore)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 07:43
S3	2478	"429".clas. not 429/12- 46.ccls. and (film separator membrane layer sheet) with ((nonwoven "non- woven") near2 (cloth fabric textile contexture fiber fibre texture web webbing))	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 07:51
S4	941	S3 and (gel\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 07:51
S5	1	S3 and (gel\$3) with (ethylene adj vinyl "ethylene-vinyl")	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 08:04
S6	145	S3 and (ethylene adj vinyl "ethylene-vinyl")	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 08:05
S7	96	S6 and (pore porosity)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 08:05
S8	49	S6 not S7	US-PGPUB; USPAT	OR	ON	2008/07/16 09:09
S9	121	S6 and lithium	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 09:16
S10	1	"6403265".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 09:22
S11	3	("3972759").PN. OR ("6403265").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 09:23

S12	88	S6 and lithium near4 (ion rechargeable secondary)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 09:37
S13	6	S3 and "cN/dtex"	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 10:23
S14	130	S3 and (ASTM)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 10:25
S15	11	S14 and S12	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 10:25
S16	7	S3 and flow adj pore	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 10:27
S17	13	("5075990"   "5091275"   "5100723"   "5273843"   "5366832"   "5380580"   "5900336"   "5922492").PN. OR ("6200706").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 10:30
S18	19	S3 and bubble adj point	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 10:50
S19	0	WO-98/32184\$	FPRS; EPO; JPO; DERWENT	OR	ON	2008/07/16 10:51
S20	0	98/32184\$	FPRS; EPO; JPO; DERWENT	OR	ON	2008/07/16 10:51
S21	0	1998/32184\$	FPRS; EPO; JPO; DERWENT	OR	ON	2008/07/16 10:51
S22	0	"199832184"\$	FPRS; EPO; JPO; DERWENT	OR	ON	2008/07/16 10:51
S23	0	WO0199832184\$	FPRS; EPO; JPO; DERWENT	OR	ON	2008/07/16 10:51
S24	2	WO-9832184\$	FPRS; EPO; JPO; DERWENT	OR	ON	2008/07/16 10:52
S25	87	S3 and split\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 10:53
S26	2	S3 and mean adj flow adj pore adj diameter	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 10:59
S27	23	(battery electrochemical adj cell) and (film separator membrane layer sheet) with (mean adj flow adj pore)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 09:21
S28	9	S27 and "429".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 09:22

S29	14	S27 not S28	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 09:25
S30	16	(battery electrochemical adj cell) and (film separator membrane layer sheet) same (mean adj flow adj pore) not S27	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 09:32
S31	7	S30 and "429".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 09:33
S32	9	S30 not S31	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 09:34
S33	49	(battery electrochemical adj cell) and (film separator membrane layer sheet) and (mean adj flow adj pore)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 09:53
S34	10	S33 not (S27 S30)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 09:53
S35	216	(battery electrochemical adj cell) and (film separator membrane layer sheet) and (mean adj flow adj pore MFP)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 09:57
S36	167	S35 not (S27 S30 S34)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 09:58
S37	3	S36 and "429".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 09:58
S38	3	(battery electrochemical adj cell) and (film separator membrane layer sheet) and (mean adj flow adj pore MFP) with (average near4 pore adj size)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 10:01
S39	46	(battery electrochemical adj cell) and (film separator membrane layer sheet) with (pore near4 size) with ASTM	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 10:24

S40	10	(battery electrochemical adj cell) and (film separator membrane layer sheet) and (mean adj flow adj pore and MFP)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 10:40
S41	655	(battery electrochemical adj cell) and (film separator membrane layer sheet) with ((mean average) near2 (pore) near2 (size))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 10:45
S42	244	S41 and "429".clas. not 429/12-46.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 10:45
S43	88	S42 and (film separator membrane layer sheet) with ((nonwoven "non-woven") near2 (cloth fabric textile contexture fiber fibre texture web webbing))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 10:48
S44	53	S43 and lithium	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/25 10:48
S45	4	10/025285	US-PGPUB; USPAT	OR	ON	2008/09/03 07:29
S46	23	(lithium near4 battery) and (separator) and (binder) with (polyvinyl adj alcohol "ethylene-vinyl" adj alcohol ethylene adj vinyl adj alcohol) with (size diameter ".mu.m" micron)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 08:07
S47	28	(lithium near4 battery) and (separator) and (bind\$3 adhesive adher\$3 adhesion) with (polyvinyl adj alcohol "ethylene-vinyl" adj alcohol ethylene adj vinyl adj alcohol) with (size diameter ".mu.m" micron)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 08:24
S48	5	S47 not S46	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 08:24

S49	1	10/532322	US-PGPUB; USPAT	OR	ON	2008/09/03 08:51
S50	1	S49 and (uniform\$3) with (gelling)	US-PGPUB; USPAT	OR	ON	2008/09/03 08:51
S51	1	(lithium near4 battery) and (separator) and (polyvinyl adj alcohol "ethylene-vinyl" adj alcohol ethylene adj vinyl adj alcohol) with (split\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 08:56
S52	21	(separator) and (polyvinyl adj alcohol "ethylene-vinyl" adj alcohol ethylene adj vinyl adj alcohol) with (split\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 08:56
S53	20	S52 not S51	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 08:56
S54	2817	battery and (separator) and (bind \$3 adhesive adher\$3 adhesion) with (size diameter ".mu.m" micron)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 09:18
S55	2680	S54 not 429/12-46. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 09:28
S56	1909	S55 and "429".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 09:28
S57	1405	S56 and lithium near4 battery	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 09:28
S58	279	S57 and (polyvinyl adj alcohol "ethylene- vinyl" adj alcohol ethylene adj vinyl adj alcohol)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 09:29
S59	13	("5429891"   "5437692"   "5512389"   "5720780"   "5948464"   "5981107"   "6096456"   "6124061"   "6156458"   "6287720"   "6306540"   "6322599"   "6395428").PN. OR ("6811928").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 10:16

S60	2025	battery and (separator) same (bind \$3 adhesive adher\$3 adhesion viscous viscosity) same (size diameter ".mu.m" micron)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 10:47
S61	394	battery and (separator) with (bind \$3 adhesive adher\$3 adhesion viscous viscosity) with (size diameter ".mu.m" micron)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 10:47
S62	325	S61 not S58	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/03 10:47

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